KVM SWITCH

SMART VIEW INTELLIGENT

(IC-716-I)

(IC-718-I)

USER MANUAL
IC-716-I
IC-718-I

Package Contents –
- 1 Smart View IC-716-I or IC-718-I KVM Switch
- 1 user manual
- 1 DC 9V 300mA power adapter

Any thing missed, please contact with your vendor.

Features

- Controls PCs with one PS/2 keyboard, PS/2 mouse and monitor respectively.
- Supports the standard PS/2 mouse, Microsoft IntelliMouse (PS/2 compatible/Optical/Explorer 3.0), WheelMouse Optical, Trackball (Optical 1.0/Explorer 1.0) & Logitech TrackMan (Marble/Marble FX/ Marble+), Cordless MouseMan (Wheel/Optical), Cordless TrackMan (FX/Live) mouse, Cordless Optical TrackMan, MX300 Optical mouse.
- Fully supports the Microsoft IntelliPoint 4.0 mouse driver & Logitech Mouse Ware driver.
- Supports the Window 95/98/98SE/Me/NT4.0/2000/XP, DOS, Linux, Novell, Free BSD.
- Real mouse identification function.
- Easily install and operate without software at all.
- Keyboard and mouse emulation for skipping over the false boot-up.
- 2 ways PC selection - Push Button Switch or Hot Key.
- Auto scan function to monitor PCs.
- Superior video quality - Up to 1920 x 1440, DDC2, DDC2B, DDC2AB, 200MHz.
- Auto skip over the power off PC.
- Beep sound on/off option while switching PC Port.
- Hot pluggable and the function of auto navigator to recognize mouse type and fulfill the OS.
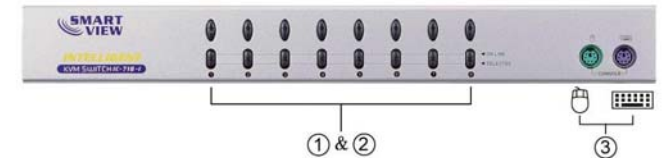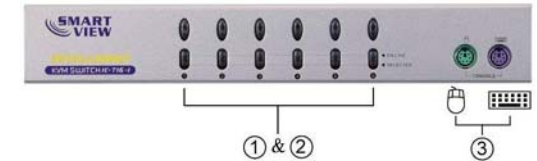- 1U rack design both for IC-716-I and IC-718-I.

Specifications

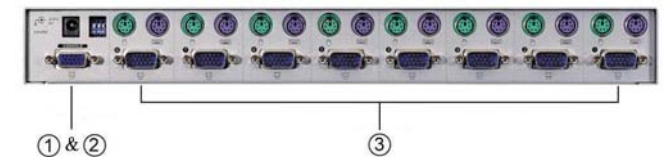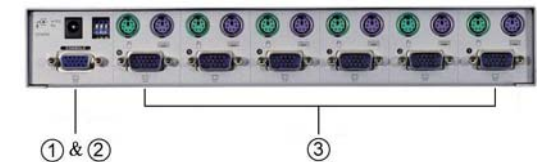| Function		IC-716-I	IC-718-I
PC Connectors		6	8
Port Selection		Push Button Switch / Hot Key	
LEDs	On Line	6	8
	Selected	6	8
Emulation	Keyboard	PS/2	
	Mouse	PS/2	
Connector -Keyboard	Console Port	1x6 pin mini-DIN Female (PS/2)	
	CPU Port	6x6 pin mini-DIN Female (PS/2)	8x6 pin mini-DIN Female (PS/2)
Connector -Mouse	Console Port	1x6 pin mini-DIN Female (PS/2)	
	CPU Port	6x6 pin mini-DIN Female (PS/2)	8x6 pin mini-DIN Female (PS/2)
Connector -Monitor	Console Port	1x HD-15 Female (Std. VGA/SVGA)	
	CPU Port	6x HD-15 Male (Std. VGA/SVGA)	8x HD-15 Male (Std. VGA/SVGA)
VGA Resolution		1920x1440 (Max.), DDC2, DDC2B, DDC2AB, 200MHz	
Power Adapter		DC 9V 300mA (Min.)	
Scan Interval		5 sec ~ 30 sec	
Housing		Metal	
Weight		1180 g	1450 g
Dimensions (LxWxH)		269x104x45 mm	342x104x45 mm
Cable Requirement		3L-1618C (1.8m) / 3L-1630C (3m)	
Rack Mount Panel		2 pcs attached	2 pcs attached

Hardware Requirements

	Requirement specifications
Console	One highest resolution VGA, SVGA or Multisync monitor. One PS/2 mouse. One PS/2 keyboard.
PC	One VGA, SVGA or Multisync card. One 6-pin mini-DIN (PS/2) mouse port. One 6-pin mini-DIN (PS/2) keyboard port.
Cable	Smart View custom cables (part # 3L-1618C or 3L-1630C) or equivalent.

Appearance
Front View

1. Port Selection Switches (Manual type)
2. Port LEDs
3. Console Keyboard and Mouse Ports

Rear View

1. Console Monitor Connector
2. DIP Switch
3. CPU Port Connectors

Installation

Before the installation, making sure the peripherals are grounded properly and turning off all PCs.

1. Connect the monitor, keyboard and mouse with the Console Port Connectors.
2. Use the recommended extension cables to connect the PCs with the CPU Ports of KVM Switch.
3. Turn on the PCs.

Operation

1. LEDs Display

Activity	Meaning
Off	PC power off.
Green On	PC power on and connected.
Green On, Red Flashing	PC power on and connected and selected.

Note: If LEDs red light still going on flashing after turning off the PCs, clearing state by turning on any one of the PCs.

2. 2 ways PC selection

2-1 Port Selection Switch (Manual Type)
   Directly press the switch on front panel for accessing the chose PC. LEDs light up for verifying the chose PC.

2-2 Hot Key option
   Hot Key Navigation allows you to select PC directly from keyboard.
   Two features to Hot Key Navigation:
   ▪ Select the chose PC
   ▪ Auto scan mode

▪ Select the chose PC:

1. Press the [Ctrl] key twice either on the left or the right side.

Hot Key	Model #	Action
[L Ctrl] + [L Ctrl]	IC-716-I IC-718-I	Switch to previous PC.
[R Ctrl] + [R Ctrl]	IC-716-I IC-718-I	Switch to next PC.

2. Press the [Print Screen] key twice, the [Num Lock], [Caps Lock], [Scroll Lock] 3 keys will light up and fleshing, there will be the below 2 ways to select the chose PC:
   2.1 Press the "Cursor Keypad" [→] to next PC or the "Cursor Keypad" [←] to previous PC, then select the wanted PC and then press the [Enter].
   2.2 Directly press the function key [F1]…[F6] or [F8] for selecting the wanted PC.
      For IC-716-I, [F1]~[F6] individually correspond to the PC 1 ~ PC 6.
      For IC-718-I, [F1]~[F8] individually correspond to the PC 1 ~ PC 8.

▪ Auto Scan Mode:

Press [Scroll Lock] key twice to activate the Auto Scan Mode. Lights reveal the scan internal from 5 to 30 seconds in order serially auto scan. Press [Esc] key to quit the mode.

Note: Light(s) corresponding timetable

Seconds	Num Lock	Caps Lock	Scroll Lock
5 seconds	Off	Off	On
10 seconds	On	Off	Off
15 seconds	On	Off	On
20 seconds	Off	On	Off
25 seconds	Off	On	On
30 seconds	On	On	Off

Use the right side number key [+] to increase time.
Use the right side number key [-] to decrease time.

3. The boot-up default of Smart View KVM Switch will link to your first activated PC.
4. Under function of "Auto skip over the power off PC" and yet the LEDs green light turn off, it is incapable of turning on the PCs by keyboard.
5. Beep sound on/off option: Press the right [Shift] key twice to turn on or off the beep sound by preference.
6. Auto navigator assists to detect the system while re-installing the mouse. Press [Esc] key to quit the auto navigator.
7. **DIP Switch:** Allowing you to enter the following functions.

Switch	Function	On	Off
1	Auto Skip	Enable	Disable
2	[Ctrl] + [Ctrl]	Enable	Disable
3	[Print Screen]	Enable	Disable

Troubleshooting

Making sure the cables are qualified and positioned.

Q1 : **The keyboard has no response.**
A1a: Re-install the keyboard. Unplug the keyboard from the Console Port and plug it back again.
A1b: Re-install the Smart View. Shut down the PCs, unplug the cables from the Smart View, waiting for five seconds, plug the cables back and activate the PCs.
A1c: If under Auto Scan Mode please press [Esc] key to escape.
A1d: PCs can't extend the power to Smart View. Please attach a power adapter of DC9V 300mA, which the center polarity is positive.
A1e: Try another keyboard.

Q2: **The mouse has no response.**

A2a: Re-install the mouse. Unplug the mouse from the Console Port and plug it back again.
A2b: Re-install the Smart View. Shut down the PCs, unplug the cables from the Smart View, waiting for five seconds, plug the cables back and activate the PCs.
A2c: Making sure the mouse is set on PS/2 mode.
A2d: PCs can't extend the power to Smart View. Please attach a power adapter of DC9V 300mA, which the center polarity is positive.
A2e: Try another mouse.
Note: If you using a special mouse, suggesting to install the mouse driver from original manufacturer in order to manifest the functionality of Smart View.

Q3 : **The mouse is out of control.**
A3 : The mouse characteristic is inefficient. Try another superior mouse and plug it back again. Starting the operation when hearing the beep sound.

Q4 : **There has the video problem.**
A4a: The resolution or bandwidth is set too high. Smart View supports the VGA, SVGA, Multisync and XGA (interlaced) with the resolution up to 1920 x 1440 Hz. The maximum bandwidth is 200 MHz.
A4b: The cable is unqualified. Please use the superior cables from Smart View cables series.

Q5 : **Why the LEDs reveal the green is on/red is flashing under the PCs are turned off?**
A5 : It's normal state. The causes come from PC internal setting. It shows the keyboard and/or the mouse possesses the power.

Q6 : **There has the power problem.**
A6a: PCs can't extend the power to Smart View. Please attach a power adapter of DC9V 300mA.
A6b: If PCs power off as well as the KVM "selected" LEDs light off, the mouse and keyboard will lose the data while re-booting. Suggesting attaching a power adapter.

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